

L33 ANSWER 32 OF 36 CA COPYRIGHT 2000 ACS

AN 112:104597 CA

TI Cosmetics containing unsaturated fatty acids, antioxidants, amino acids, and polybasic acids

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SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A61K007-06

CC \*\*\*62-4\*\*\* (Essential Oils and Cosmetics)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01216908	A2	19890830	JP 1988-42837	19880224
JP 05033922	B4	19930520		

PI JP 01216908

AB Cosmetics contain (a) .gtoreq.2 unsatd. bonds-contg. C18-22 fatty acids, their salts, or their esters with mono- or di-hydric alcs., (b) .gtoreq.1 antioxidants chosen from dibutylhydroxytoluene, butylhydroxyanisole, erythorbic acid, Na erythorbate, nordihydroguaiaretic acid, Pr gallate, a sage ext., a rosemary ext., and a mace ext., (c) amino acids and/or their esters, and (d) .gtoreq.1 compds. chosen from aliph. hydroxy polybasic acids, their salts, their mono esters, and carboxyvinyl polymers. The C18-22 fatty acids, which show moisture-retaining, tyrosinase-inhibiting, and \*\*\*hair\*\*\* growth stimulating effects, are stabilized in the cosmetics. A lotion comprised linoleic acid 0.5, dibutylhydroxytoluene 0.05, citric acid 0.05, poly(oxyethylene) hydrogenated castor oil 1.0, Me p-hydroxybenzoate 0.05, EtOH 15.0, glycerin 8.0, KOH 0.15, Na tartrate 0.03, \*\*\*glycine\*\*\* 0.05, L-\*\*\*serine\*\*\* 0.05, L-cystine 0.001, fragrance 0.1, and H2O to 100 wt.%.  
ST fatty ester cosmetic

IT Cosmetics  
(contg. unsatd. fatty acids and antioxidants and amino acids and polybasic acids, with stability)

IT Antioxidants  
(cosmetics contg. unsatd. fatty acids and amino acids and polybasic acids and, for stability)

IT Amino acids, biological studies  
RL: BIOL (Biological study)  
(cosmetics contg. unsatd. fatty acids and antioxidants and polybasic acids and, for stability)

IT Mace (spice)  
Rosemary  
Sage

(exts., cosmetics contg. unsatd. fatty acids and amino acids and polybasic acids and, for stability)

IT Fatty acids, biological studies  
RL: BIOL (Biological study)  
(C18-22-unsatd., cosmetics contg. antioxidants and amino acids and polybasic acids and, for stability)

IT Vinyl compounds, polymers  
RL: BIOL (Biological study)  
(carboxy-contg., polymers, cosmetics contg. unsatd. fatty acids and antioxidants and amino acids and, for stability)

IT 60-33-3, Linoleic acid, biological studies 463-40-1, .alpha.-Linolenic acid 506-21-8 506-26-3, .gamma.-Linolenic acid 544-35-4, Ethyl

linoleate 1808-26-0, Ethyl arachidonate 22882-95-7, Isopropyl  
linoleate

RL: BIOL (Biological study)

(cosmetics contg. antioxidants and amino acids and polybasic acids and,  
for stability)

IT 89-65-6, Erythorbic acid 121-79-9, Propyl gallate 500-38-9,  
Nordihydroguaiaretic acid 6381-77-7, Sodium erythorbate 25013-16-5,  
Butylhydroxyanisole 30587-81-6, Dibutylhydroxytoluene

RL: BIOL (Biological study)

(cosmetics contg. unsatd. fatty acids and amino acids and polybasic  
acids and, for stability)

IT 68-04-2, Sodium citrate 77-92-9, biological studies 87-69-4,  
biological studies 526-95-4, Gluconic acid 6915-15-7, Malic acid  
14475-11-7 39413-05-3, Isopropyl citrate

RL: BIOL (Biological study)

(cosmetics contg. unsatd. fatty acids and antioxidants and amino acids  
and, for stability)

IT 56-40-6, \*\*\*Glycine\*\*\*, biological studies 56-45-1, L- \*\*\*Serine\*\*\*  
, biological studies 56-84-8, L- \*\*\*Aspartic\*\*\* acid, biological  
studies 56-85-9, L- \*\*\*Glutamine\*\*\*, biological studies 56-86-0, L-  
\*\*\*Glutamic\*\*\* acid, biological studies 56-89-3, L-Cystine, biological  
studies 59-51-8, DL- \*\*\*Methionine\*\*\* 60-18-4, L- \*\*\*Tyrosine\*\*\*  
, biological studies 61-90-5, L- \*\*\*Leucine\*\*\*, biological studies  
70-47-3, L- \*\*\*Asparagine\*\*\*, biological studies 71-00-1, L-  
\*\*\*Histidine\*\*\*, biological studies 72-18-4, L- \*\*\*Valine\*\*\*,  
biological studies 72-19-5, L- \*\*\*Threonine\*\*\*, biological studies  
73-22-3, L- \*\*\*Tryptophan\*\*\*, biological studies 73-32-5, L-  
\*\*\*Isoleucine\*\*\*, biological studies 74-79-3, L- \*\*\*Arginine\*\*\*,  
biological studies 80-68-2, DL- \*\*\*Threonine\*\*\* 147-85-3, L-  
\*\*\*Proline\*\*\*, biological studies 150-30-1, DL- \*\*\*Phenylalanine\*\*\*  
338-69-2, D- \*\*\*Alanine\*\*\* 4070-48-8, L- \*\*\*Valine\*\*\*  
\*\*\*methyl\*\*\* \*\*\*ester\*\*\* 7555-06-8, L- \*\*\*Histidine\*\*\*  
\*\*\*ethyl\*\*\* \*\*\*ester\*\*\* 10098-89-2, L- \*\*\*Lysine\*\*\*  
hydrochloride 13827-65-1, \*\*\*Glycine\*\*\* lauryl ester

RL: BIOL (Biological study)

(cosmetics contg. unsatd. fatty acids and antioxidants and polybasic  
acids and, for stability)